| ·  |                 |          |          |          |          | _        |  |          |                  | - 32-                      |            |                |            |          | -        |              |         |              |                 |                    |          |          |            |              |         |          |           |              |          |              |          |   |    |    |
|--|-----------------|----------|----------|----------|----------|----------|--|----------|------------------|----------------------------|------------|----------------|------------|----------|----------|--------------|---------|--------------|-----------------|--------------------|----------|----------|------------|--------------|---------|----------|-----------|--------------|----------|--------------|----------|---|----|----|
|  |                 |          | 1        | nd       | lex      | of       | f CI   | lai      | ms               |                            |            |                | •          |          | A        | pp           | lic     | atic         | n N             | Ο.                 | -        |          |            | Applicant(s) |         |          |           |              |          |              |          |   |    |    |
|  | Index of Claims |          |          |          |          |          |  |          |                  |                            |            |                | 09/491,389 |          |          |              |         |              |                 |                    |          |          |            | KU ET AL.    |         |          |           |              |          |              |          |   |    |    |
|  |                 |          |          |          |          |          |  |          |                  |                            |            |                |            |          | Examiner |              |         |              |                 |                    |          |          |            |              |         | Art Unit |           |              |          |              |          |   |    | -  |
| 1 (80)() 88)(8 (8))) 8(6)8 (8)() 1000 (100) (1000 (100) (1000 (1000 (100) (1000 (1000 (100) (1000 (100) (100) (1000 (1000 (100) (1000 (100) (1000 (100) (1000 (100) (1000 (100) (1000 (100) (1000 (100) (1000 (100) (1000 (100) (1000 (100) (1000 (100) (100) (1000 (100) (100) (1000 (100) (100) (1000 (100) (100) (1000 (100) (1000 (100) (1000 |                 |          |          |          |          |          |  |          |                  |                            |            | A. M. Thompson |            |          |          |              |         |              |                 |                    |          | 2825     |            |              |         |          |           |              | • .      |              | ,        |   |    |    |
|  |                 | *        | <b>√</b> | Reject d |          | 1        | ٠.   |          | (7               | Through numer<br>Cancelled |            |                |            |          | al)      |              |         | Non-E        |                 |                    | ected    |          | Α          | Appeal       |         |          |           |              |          |              |          |   |    |    |
|  |                 | :        | =        | Allowed  |          |          |  |          | +                |                            | Restricted |                |            | -        | -        |              | ı       | Interference |                 |                    |          | 0        | Objected   |              |         |          |           |              |          |              |          |   |    |    |
|  | С               | laim     | E.       |          |          | Da       | ite  |          |                  |                            | CI         | aim            | <u> </u>   |          |          |              | ate     |              |                 |                    | ٦.       |          | laim       | T            |         |          | Dat       | -            |          |              | _        |   |    |    |
| 1  | =               | <u> </u> | 4        |          |          |          | 1.   | İ        |                  |                            |            | <u>_</u>       |            |          |          |              |         |              |                 | T                  | 7        |          |            | T            | $\top$  | Т        | Tai       | Ť            | П        |              | $\dashv$ |   | ٠, |    |
|  | Final           | Original | 5/7/04   | .        |          |          | -  |          |                  |                            | Final      | Original       |            |          | ļ        |              |         |              |                 |                    |          | Final    | Original   |              |         |          |           |              |          |              |          |   |    |    |
|  | 1               | 1        | =        | $\Box$   | 1        | I        |  | 1        |                  |                            |            | 51             |            |          |          | $\top$       | Ì       | +            | +               | +                  | 1        |          | 101        | -            | +       | +        | -         | ╁            | +        | +            | $\dashv$ |   | 1  |    |
|  |                 | 2        | =        | $\dashv$ | -        | +        | $\perp$  | <u> </u> | <del>   -</del>  | 4                          |            | 52             |            | $\Box$   |          | $\cdot \mid$ |         |              |                 |                    | <u> </u> |          | 102        |              | +       | -        | +         | ╁            | 1 1      | +            | $\dashv$ |   |    |    |
|  | <u> </u>        | -4-      |          | -        | +        | +-       | +  | H        |                  | +                          | <u> </u>   | 53<br>54       |            | 4        | 4        | $\dashv$     |         | 4            | 4               | L                  |          |          | 103        |              | 1       | Ŀ        |           |              |          | $\top$       | $\neg$   |   | •  |    |
|  | 3               | 5        | =        | $\dashv$ | $\dashv$ | +.       | +  | $\vdash$ | $\vdash$         | -                          |            | 5 <del>4</del> | $\vdash$   | -1       | +        | +            | 4       | _            | +               | _                  | ┨.       | <u> </u> | 104        | Ш            | $\perp$ |          | Ī         | L            |          |              | $\Box$   |   |    |    |
|  |                 | -6-      |          |          | Ť        | ✝        | $\dagger \dagger$                                | Н        |                  | 7 1                        |            | 56             | H          | $\dashv$ | +        | +            | ╌┼      | +            | +               | +                  | -        | -        | 105        | -            | +       | 1        | <u> </u>  | Ļ            | $\sqcup$ | 4            | _        |   | •  |    |
|  |                 | 7        |          |          |          | ·        |  |          |                  | 7 1                        |            | 57             | $\vdash$   | $\dashv$ | ╁        | +            | +       | +            | + -             | +                  | 1        | -        | 106<br>107 | $\vdash$     | ÷       | +        | -         | _            |          |              | 4        |   |    | ٠  |
|  | <u> </u>        | 8        |          |          | $\perp$  |          |  |          |                  | ] [                        |            | 58             |            | 十        | 1        | +            | $\top$  | $\dashv$     | +               | H                  | 1        |          | 108        | +            | +       | ╀─       | ┼         | -            | $\vdash$ | -            | $\dashv$ | • |    |    |
| ,  | <u> </u>        | 9_       |          | 4        | 2        | 1        | $\sqcup$   |          |                  | ] [                        |            | 59             | 1          |          |          |              | $\top$  | $\top$       |                 | r                  | 1        | 7        | 109        | $\dashv$     | ╁       | +        | ╁         | -            |          | +            | $\dashv$ |   | •  |    |
|  | -               | 10       |          | _        | - -      | ╀        | +  | $\dashv$ | 4                | ┨.╏                        | [          | 60             | $\perp$    | $\Box$   |          | $\Box$       |         |              |                 |                    | 1        |          | 110        | -            | $\top$  | †        |           | <del> </del> |          | +            | $\dashv$ | , | ٠. |    |
|  | 4.              | 12       | =        | +        | +        | ₩        | ╁┼   | $\dashv$ | 4                | 1                          |            | 61             | _          | _        | 4        | 4            | Į.      |              |                 | L                  | ]        |          | 111        |              |         | ١.       |           |              |          | +            | 7        |   |    | a. |
|  | 4 5             | 13       | =        | +        | +-       | ┢        | ++   | -+       | -                | -                          |            | 62<br>63       | $\dashv$   | -1       | +        | +            | +       | 4            | 1               | _                  | 4        |          | 112        | $\Box$       |         |          |           |              |          |              | _        |   |    | •  |
|  |                 | 14       | 寸        | +        | +        | ╁        | +  | +        |                  | ┨╏                         |            | 64             | +          | +        | +        | +            | +       | +            | +÷              | ┡                  | 1        |          | 113        | _            | 4_      | _        |           |              |          | $\perp$      |          |   | ٠. |    |
|  | 7               | 15       | =        | 7        | 1        |          | $\vdash$   | $\dashv$ | +                | 1 }                        |            | 65             | +          | +        | 1.       | +-           | +       | +            | +-              | <del> -</del>      |          |          | 114        | -            | 4       |          | Ш         |              | $\perp$  |              | _        |   |    |    |
|  | 6               | 16       | =        |          |          |          |  | $\Box$   | $\top$           | 1 1                        | 7          | 66             | $\dashv$   | +        | ╅        | +            | +       | +            | +               | -                  |          |          | 115<br>116 |              | +-      | -        |           | _            | -        |              | ╣.       |   | •  |    |
|  | 8               | 17       | =        | $\perp$  |          |          |  |          | _[-              | 1                          |            | 67             | $\top$     | $\top$   | +        | +            | +       | +            | +               | -                  | 1        |          | 117        | +            | ╁       | -        | -         |              | +        | +            | 4        | 1 |    |    |
|  | <u> </u>        | 18       | 4        | 4        |          | ١٠.      | $\vdash \vdash$                                  | _        | $\perp$          | ] [                        |            | 68             | $\Box$     |          | $\perp$  |              | $\top$  | $\top$       |                 |                    | 1        |          | 118        | $\neg$       | +       | $\vdash$ | $\dashv$  | $\dashv$     | -        | +            | 4        |   |    |    |
|  |                 | 19<br>20 | -        | +        | +-       |          | $\vdash \vdash$                                  | $\dashv$ | <del>-   ·</del> | 1                          |            | 69             |            | ·        |          | $\perp$      |         |              |                 |                    |          |          | 119        |              | $\top$  | П        |           | $\dashv$     | +        | +            | -        |   |    |    |
|  | ┝─┤             | 21       | -        | +        | +-       | Н        | <del>                                     </del> | $\dashv$ |                  | ł. ⊦                       |            | 70             | 4          | 1        | 4        | 1            | $\perp$ |              |                 |                    | ]. [     |          | 120        |              | $\top$  |          | $\exists$ |              |          |              | 7        |   |    |    |
|  | H               | 22       | +        | ┿        | +-       | $\vdash$ | -  | +        | +                | -                          |            | 71             | 4          | 4        | $\bot$   | ┵.           | _       | _            | $\perp$         |                    |          |          | 121        |              |         |          |           |              |          | $\top$       | 7        |   | •  |    |
|  |                 | 23       | +        | -        | ╅        |          | <u>i —                                   </u>    | +        | +-               | <del> </del>               |            | 72<br>73       | +          | +        | +        | _            | +       | +            | +               | _                  |          |          | 122        |              |         |          |           |              |          |              | ]        |   |    |    |
|  |                 | 24       | T        | 1        | $\top$   | $\vdash$ | $\dashv$   | +        | +                | -                          |            | 74             | +          | +        | +        | +            | ╁       | +            | ╁               | _                  | ļ        |          | 123        | <u> </u>     | _       | Ш        |           |              | $\Box$   |              | ]        |   |    |    |
|  |                 | 25       | T        | $\top$   |          | $\Box$   |  | 十        | +                | -                          |            | 75             | -          | ╁        | +        | ╁            | +       | ╁            | +               | $\dashv$           | ŀŀ       |          | 124        | +            | +       |          | $\dashv$  | 4            |          | <del> </del> |          |   |    |    |
|  |                 | 26       |          |          |          |          | $\top$   | 丁        | $\top$           |                            |            | 76             | 7          | ╁        | ╁        | ╁            | ╁╴      | ╁            | ╁┼              | $\dashv$           |          | -25      | 125<br>126 | +-           | -       | $\vdash$ | -         | -            | -        | -            | 4        |   | •  |    |
|  |                 | 27       |          | $\perp$  |          |          |  | $\top$   |                  |                            |            | 77             | $\top$     | +        | 十        | ╁            | ╁       | t            | :               | -                  | ŀ        |          | 127        | +-           | -       | $\vdash$ | -         | -            | _        | +            | -        | • |    |    |
|  |                 | 28       | 4        | 1        |          |          | . [  | $\perp$  |                  |                            |            | 78             | 1          | $\top$   | ✝        | $\top$       | Ť       | Ť            |                 |                    | ŀ        |          | 128        | +            | Н       | -        | +         | +            | -        | +            | 4        |   |    |    |
|  |                 | 29       | $\perp$  | ╨        | $\bot$   |          |  | $\perp$  |                  |                            |            | 79             |            | 1        | ·        | $\top$       | Ť       | $\top$       |                 | ᅥ                  | ı        | _        | 129        | +            | Н       | +        | +         | +            |          | +-           | -        |   |    |    |
|  | <del>-  </del>  | 30       | +        | +        | -        | 4        | $\dashv$   | $\bot$   | $\bot$           | Ĺ                          |            | 80             | $\perp$    |          | I        |              | I       | Ι.           |                 |                    | 1        |          | 130        | +            | -       |          | +         | +            | +        | +            | 1 .      |   |    |    |
|  | *               | 31       | +        | +        | ╅┪       | -+       | +  | +        | +                | L                          |            | 81             | 1          | Т.       | $\perp$  | $\perp$      | L       |              |                 | $\overline{\cdot}$ |          |          | 131        | 1            |         | $\dashv$ | $\top$    | +            | +        | +            | †        |   |    | 1  |
| · l  | $\neg$          | 33       | +        | +        | ╁╌┼      | +        | +  | +        | +                | -                          |            | 82             | 4          | -        | ╄-       | 1-           | ╄       | Ŀ            |                 | $\Box$             | · [      | $\Box$   | 132        | I            |         |          | $\exists$ | $\top$       | $\top$   |              | 1.       |   |    |    |
| Ì  | $\neg +$        | 34       |          | +        | ╁┼       | $\dashv$ | +  | +        | +                | -                          |            | 83<br>84       | +-         | +-       | -        | -            | ـ       | $\vdash$     |                 | _                  | L        |          | 133        | $\perp$      |         | $\Box$   | $\Box$    |              | $\perp$  | I            | ]        |   |    |    |
| · [  |                 | 35       |          | 1        | 1        | 十        | +  | +-       | +                | -                          |            | 35             | +          | ╁        | $\vdash$ | +-           | ╀       | Η-           | $\vdash \vdash$ | $\dashv$           | F        |          | 134        | $\bot$       | Ш       | $\perp$  |           | 4            | $\bot$   | $\bot$       | -        |   |    |    |
|  | _               |          | _        | -        | + +      | _        |  |          |                  | i                          | _          | 1              | - 1        | 1        | 1        | 1.           | 1       | 1            |                 |                    | 1        | 1        | 135        |              |         | - 1      | - 1       | - 1          |          |              | 1        |   |    |    |

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